

393114118361001 Local number 101 N19 E30 10CDDA1

Basin and Range basin-fill aquifers

Churchill County, NV

LOCATION.--Lat 39°31'14", long 118°36'10" referenced to North American Datum of 1927, in SE ¼ SE ¼ SW ¼ sec.10, T.19 N., R.30 E., Churchill County, Hydrologic Unit 16050203.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 15 ft. Upper casing diameter 1 in; top of first opening 11 ft, bottom of last opening 15 ft.

WELL USE.--Observation well.

DATUM.--Land-surface datum is 3904 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pvc casing, 1.9 ft above land-surface datum.

COOPERATION.--Churchill County

REMARKS.--In the Fallon area, basin-fill aquifers have been defined as the shallow aquifer from the water table to depths of 50 ft below land surface, and as the intermediate aquifer from depths of 50 ft to about 500 ft below land surface by Glancy, P.A., 1986, Geohydrology of the basalt and unconsolidated sedimentary aquifers in the Fallon area, Churchill County, Nevada: U.S. Geological Survey Water Supply Paper 2263.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

[Measurement method: T, electric tape. Water-level status: - - , static.]

Date	Water level	Measurement method	Water level status
Dec 21, 2004	5.18	T	--
Mar 23, 2005	4.44	T	--
Jun 16	4.47	T	--
Sep 12	5.55	T	--

Highest: 4.44 Mar 23, 2005

Lowest: 5.55 Sep 12, 2005